

## PUBLIC WORKS DEPARTMENT

## (BUILDING &amp; ROADS BRANCH)

## AMBALA CIRCLE

The 3rd July, 2009

**No. SE/PWD/B&R/Ambala / CZC/2.**— The Direction Committee of Chief Engineers has approved the following new items inducted in various Chapters of Haryana PWD Schedule of Rates -1988 (2nd edition) and A&C slips No. 3, 4, 5 & 6 dated 3-7-2009. These new items will be applicable from the date of publication.

**NEW ITEMS INDUCTED IN HSR - 1988 (2nd EDITION)****(I) Civil Works****CHAPTER NO. 10****CONCRETE**

Additional HSR Item No.	Description	Unit	Labour Rate	Through Rate
1	2	3	4	5
HSR 10.157	Providing and laying 50mm thick interlocking paver blocks of all shapes and colours in design mix cement M-30 over a bed of 25mm thick fine sand complete in all respect.	Sqm	60.00	300.00
HSR 10.158	Providing and laying 60mm thick interlocking paver blocks of all shapes and colours in design mix cement M-35 over a bed of 25mm thick fine sand complete in all respect.	Sqm	60.00	350.00
HSR 10.159	Providing and laying 80mm thick interlocking paver blocks of all shapes and colours in design mix cement M-35 over a bed of 30mm thick fine sand complete in all respect.	Sqm	65.00	450.00

**NOTE: -**

- (i) Above rates are based on present day rates.
- (ii) No extra premium is allowed on these new items.

**NEW ITEMS INDUCTED IN HSR-1988 (2nd EDITION)****(I) Civil Works****CHAPTER NO. 13****HOISTING AND ROOFING**

Additional HSR Item No.	Description	Unit	Labour Rate	Through Rate
1	2	3	4	5
HSR 13.89	Providing & fixing PVC Rain water pipe 6Kg Pressure of ISI mark in cement mortar during masonry work.			
	(a) 100 MM dia PVC pipe 6 Kg. Pressure.	Mtr	17.00	182.00
	(b) 150 MM dia PVC pipe 6 Kg. Pressure.	Mtr	17.00	336.65
HSR 13.90	Providing & fixing PVC Bend ISI Mark			
	(a) 100 mm dia PVC Bend	each	23.40	97.40
	(b) 150 mm dia PVC Bend	each	23.40	165.40

1	2	3	4	5
HSR 13.91	Providing and fixing False Ceiling with 12mm thick Gypsum Board fixed on M.S. Steel runners frame i/c cost of screws angles, cleats, rawel plugs, with taping, filling with Gypsum compound and applying priming coat, etc. complete in all respects.	Sqm	65.00	600.00
HSR 13.92	Providing and fixing False Ceiling <b>without grooves</b> with 12mm to 15mm thick, 600mm X 600mm best quality mineral fiber tiles of approved make fixed on M.S. Steel runners frame i/c cost of screws angles, cleats, rawel plugs, with taping and painting, etc. complete in all respects as approved by the Engineer-in-Charge.	Sqm	70.00	700.00
HSR 13.93	Providing and fixing False Ceiling <b>with grooves</b> with 12mm to 15mm thick, 600mm X 600mm best quality mineral fiber tiles of approved make fixed on M.S. Steel runners frame i/c cost of screws angles, cleats, rawel plugs, with taping and painting, etc. complete in all respects as approved by the Engineer-In-Charge.	Sqm	75.00	800.00
HSR 13.94	Providing & laying average 6mm thick POP Coating on walls, Ceiling, beams and lintels etc. complete in all respects as approved by the Engineer-In-Charge.	Sqm	50.00	90.00

**NOTE: -**

- (i) Above rates are based on present day rates.
- (ii) No extra premium is allowed on these new items.

**NEW ITEMS INDUCTED IN HSR- 1988 (2ND EDITION)****(I) Civil Works****CHAPTER NO. 14****FLOORING AND DADOS**

Additional HSR Item No.	Description	Unit	Labour Rate	Through Rate
1	2	3	4	5
HSR 14.89	Providing and fixing vitrified tiles of size 600 x 600mm of approved make in flooring laid in any pattern as specified over base of 20mm thick cement coarse sand mortar 1:3 and jointed with white cement slurry mixed with pigment to match the shade to tiles. <b>Note:-</b> Tile shall be of premium quality (first quality) of reputed manufacturer like NITCO, KAJARIA, SOMANI, ORIENT, JOHNSONS & RAK.	Sqm	188.80	924.30
HSR 14.90	Providing and fixing vitrified tiles of size 600 x 600mm of approved make in skirting / dado laid in any pattern as specified over base of 12mm thick cement coarse sand mortar 1:3 and jointed with white cement slurry mixed with pigment to match the shade to tiles. <b>Note:-</b> Tile shall be of premium quality (first quality) of reputed manufacturer like NITCO, KAJARIA, SOMANI, ORIENT, JOHNSONS & RAK.	Sqm	188.80	929.80

1	2	3	4	5
HSR 14.91	Pvdg. & fixing ceramic tiles/anti skid tiles of size 400mm x 400mm or above size of approved make in flooring, laid in any pattern as specified over base of 20mm thick cement coarse sand mortar 1:3 and jointed with white cement slurry mixed with pigment to match the shade of tiles.  <b>Note:-</b> Tile shall be of premium quality (first quality) of reputed manufacturer like NITCO, KAJARIA, SOMANI, ORIENT, JOHNSONS & RAK	Sqm	188.80	624.00
HSR 14.92	Providing and fixing 1 <sup>st</sup> quality ceramic glazed wall tiles confirming to I.S. 15622 (thickness to be specified by the manufacturer) of approved make in all colors, shades except burgundy, bottle green, black of any size as approved by Engineer-In-Charge in skirting, risers of steps and dados over 12mm thick bed of cement mortar 1:3 coarse and jointed with grey cement slurry, including pointing in white cement mixed with pigment of matching shades complete.  (a) Size of ceramic Glazed tiles 200mm x 300mm (b) Size of ceramic Glazed tiles 300mm x 450mm	Sqm Sqm	141.60 141.60	501.75 648.15
HSR 14.93	Laying and fixing vitrified/ceramic anti skid tiles of any size of approved make in floors laid in any pattern as specified over base of 20mm thick cement coarse sand mortar 1:3 and jointed with white cement slurry mixed with pigment to match the shade of tiles. (Tiles shall be supplied by the Department).	Sqm	188.80	295.10
HSR 14.94	Laying and fixing vitrified/ceramic/ Glazed tiles of any size of approved make in skirting/ dado, pillars, wall facing, laid in any pattern as specified over base of 12mm thick cement coarse sand mortar 1:3 and jointed with white cement slurry mixed with pigment to match the shade of tiles. (Tiles shall be supplied by the Department)	Sqm	188.80	270.65
HSR 14.95	Laying and fixing Granite stone in all shades, 15mm to 18mm thick in skirting/ dado, risers of steps, pillars and wall facing, laid in any pattern as specified over base of 12mm thick cement coarse sand mortar 1:3 and jointed with white cement slurry mixed with pigment to match the shade of granite including labour for fixing cramps pins and dowels etc. (excluding the cost of granite stone)	Sqm	300.00	390.00
HSR 14.96	Laying and fixing Granite stone in all shades, 15mm to 18mm thick in flooring, laid in any pattern as specified over base of 20mm thick cement coarse sand mortar 1:3 and jointed with white cement slurry mixed with pigment to match the shade of granite stone. (excluding the cost of granite stone)	Sqm	280.00	370.00

**NOTE: -**

- (i) Above rates are based on present day rates.
- (ii) No extra premium is allowed on these new items.

## NEW ITEMS INDUCTED IN HSR- 1988 (2ND EDITION)

## (I) Civil Works

## CHAPTER NO.16

## PAINTING, VARNISHING, WHITE WASHING AND DISTEMPERING

Additional HSR Item No.	Description	Unit	Labour Rate	Through Rate
1	2	3	4	5
HSR 16.79	Providing two coats of exterior acrylic emulsion paint.			
	(a) 2nd Quality	Sqm	6.30	26.85
	(b) 1st quality	Sqm	6.30	48.75

**NOTE: -** (i) Above rates are based on present day rates.  
(ii) No extra premium is allowed on these new items.

## NEW ITEMS INDUCTED IN HSR- 1988 (2ND EDITION)

## (I) Civil Works

## CHAPTER NO.17

## WOOD WORK

Additional HSR Item No.	Description	Unit	Labour Rate	Through Rate
1	2	3	4	5
HSR 17.95	Providing and fixing Aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS;733 and IS;1285 fixed with raw plugs and screws or with fixing clips or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom, and sides with required neoprene felt etc. aluminium sections shall be smooth, rust free straight mitered and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing/paneling C.P brass /stainless steel screws , all complete.	Kg.	24.20	242.30
HSR 17.96	<b>Fixed portion</b> (Anodized Aluminium transparent or dyed to required shade according to IS;1868, minimum anodic coating of grade AC 15) Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS;733 and IS;1285 fixed with rawel plugs and screws or with fixing clips or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom, and sides with required neoprene felt etc. <del>Aluminium sections shall be smooth, rust free straight mitered and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing/paneling C.P brass/stainless steel screws, etc. complete.</del> <b>Shutters</b> of doors, windows & ventilators including providing --and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of PVC/ neoprene gasket required including Aluminium fitting.	Kg.	24.20	253.70

**Note:**

- (I) Add Rs.15/-Per Kg. extra if powder coating of 50 micron is done instead of anodizing in above item No. 9&10.  
(II) Add Rs.20/- Per Kg. extra if Polyester powder coating of 50 micron is done instead of anodizing in above item No. 9 & 10.

1	2	3	4	5
HSR 17.97	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS; 12823 grade 1 type II in paneling fixed in aluminium doors. Windows shutters and partition frames with c.p. brass /stainless steel screws etc. complete.			
	(a) Pre-laminated particle board with decorative lamination on one side and balancing lamination on both sides.	Sqm	52.60	745.65
	(b) Pre-laminated particle board with decorative lamination on both sides.	Sqm	52.60	780.30
HSR 17.98	Providing and fixing glazing in aluminium door, windows, ventilator shutter and partitions etc. with pvc/neoprene gasket etc. complete (cost of aluminium snap beading shall be paid in basic items).			
	(a) With float glass panes of 4.0 mm thickness	Sqm	96.60	609.00
	(b) With float Glass panes of 5.00 mm thickness.	Sqm	96.60	700.00
HSR 17.99	Providing and fixing double action hydraulic floor spring of approved brand and manufacture IS:6315 marked for doors including cost of cutting floors as required, embedding in floors and cover plates with brass pivot and single piece M.S. sheet outer box			
	(a) With Stainless Steel cover plate.	each	69.00	1674.50
	(b) With Brass cover plate.	each	69.00	1839.50
HSR 17.100	Providing Aluminium Jali of thickness 7mm thick with openings - 75mm X 75mm of including anodizing and fixing in frame with cost of screws etc. complete.	Sqm	100.00	1543.00
HSR 17.101	Providing fixing aluminium casement windows fastener of required length for aluminum windows with necessary screws etc. complete.			
	(I) Anodized (AC-15) Aluminium	Each	—	37.20
	(II) Powder coated minimum thickness 50 micron aluminium	Each	—	40.70
	(III) Polyester powder coated minimum thickness 50 micron aluminum	Each	—	43.00
HSR 17.102	Providing fixing aluminium round shape handle of outer dia 100mm with Screws etc. complete.			
	(I) Anodized (AC-15) Aluminium	Each	—	45.30
	(II) Powder coated minimum thickness 50 micron aluminium	Each	—	49.95
	(III) Polyester powder coated minimum thickness 50 micron aluminum	Each	—	52.30

## NOTE: -

- (i) Above rates are based on present day rates.
- (ii) No extra premium is allowed on these new items.

**NEW ITEMS INDUCTED IN HSR- 1988 (2nd EDITION)****(I) Civil Works****CHAPTER NO.21****PILE FOUNDATIONS**

Additional HSR Item No.	Description	Unit	Labour Rate	Through Rate
1	2	3	4	5
HSR 21.04	Bored cast-in-situ M35 grade RCC pile excluding Reinforcement complete as per Drawing and Technical Specification and removal of excavated earth with all lift and lead.			
	(a) 1000 MM dia metre pile	Mtr	—	5638.00
	(b) 1200 MM dia metre pile	Mtr	—	6433.00

**NOTE:-**

- (i) Above rates are based on present day rates.
- (ii) No extra premium is allowed on these new items.

**NEW ITEMS INDUCTED IN HSR- 1988 (2nd EDITION)****(III) Public Health Services****CHAPTER-28****WATER SUPPLY**

- Notes:** (i) Notes and foot notes already existing in chapter No. 28 would be applicable to these items also.
- (ii) The pipe lines laid should be measured excluding length of specials.
- (iii) Alterations in the makes for items (wherever provided ) will be made by Direction Committee of Chief Engineer from time to time.

Additional HSR Item No.	Description	Unit	Labour Rate	Through Rate
1	2	3	4	5
HSR 28.13(A)	Providing and fixing <b>CAST IRON KINETIC AIR VALVES CONFORMING TO AND MARKED WITH IS: 14845</b> including carriage, loading, unloading stacking, handling, re-handling etc., drilling, tapping, screwing in valves connections complete in all respects to the satisfaction of Engineer-in- Charge.			
	80mm i/d	Each	157.00	2824.00
	100mm i/d	Each	157.00	3098.00
	150mm i/d	Each	174.00	7514.00
	200mm i/d	Each	174.00	13267.00

1	2	3	4	5
<b>HSR 28.10 (A)</b>	Providing and fixing <b>CAST IRON DOUBLE FLANGED SWING CHECK TYPE REFLUX (NON RETURN) VALUES PN- 1.6 MARKED WITH IS: 5312</b> including nuts & bolts marked with IS: 1363, Rubber sheet marked with IS: 638 etc. carriage loading, unloading, stacking handling, Re-handling etc. Complete in all respect to the satisfaction of Engineer-in-Charge (Makes AARKO, VENUS, LEADER, BIR, PANJA, UPADHAY).			
	80mm i/d	Each	60.00	2485.00
	100mm i/d	Each	68.00	3362.00
	150mm i/d	Each	94.00	5638.00
	200mm i/d	Each	100.00	9142.00
	250mm i/d	Each	134.00	14032.00
	300mm i/d	Each	134.00	17008.00
	350mm i/d	Each	134.00	34630.00
	400mm i/d	Each	134.00	40933.00
	450mm i/d	Each	141.00	49547.00
	500mm i/d	Each	141.00	78296.00
	600mm i/d	Each	141.00	102991.00
<b>HSR 28.51</b>	Providing and fixing <b>RUBBER SHEET 3MM THICK MARKED WITH IS : 638</b> for jointing flanged pipes, specials etc. including making of holes etc. complete in all respects to the satisfaction of Engineer-in- Charge.			
	for pipe size 80mm i/d	Each	-	11.00
	for pipe size 100mm i/d	Each	-	13.00
	for pipe size 150mm i/d	Each	-	21.00
	for pipe size 200mm i/d	Each	-	27.00
	for pipe size 250mm i/d	Each	-	36.00
	for pipe size 300mm i/d	Each	-	45.00
	for pipe size 350mm i/d	Each	-	57.00
	for pipe size 400mm i/d	Each	-	68.00
	for pipe size 450mm i/d	Each	-	83.00
	for pipe size 500mm i/d	Each	-	99.00
	for pipe size 600mm i/d	Each	-	132.00
<b>HSR 28.52</b>	Supplying <b>GI PIPES CLASS B MARKED WITH IS: 1239 IN 3.05 M LENGTH</b> , their threading and welding with flanges (Heavy Duty) on both sides, jointing with nuts and bolts Marked with IS: 1363, rubber gaskets, marked with IS: 638 <b>JOINTING WITH PUMPING MACHINERY AND LOWERING INTO TUBEWELLS</b> and testing including carriage, loading, unloading etc. complete in all respects to the satisfaction of Engineer-in- Charge.			

1	2	3	4	5
	50mm i/d	Each	287.00	1086.00
	63mm i/d	Each	287.00	1270.00
	80mm i/d	Each	330.00	1618.00
	100mm i/d	Each	342.00	2146.00
<b>HSR 28.53</b>	<b>Providing and Fixing BRASS/GUN METAL FERRULES BY DRILLING AND TAPPING A.C./PVC PIPE LINES</b> of all diameters and connections including cost of M.S. Clamp (Heavy) with welded socket/Saddle piece including carriage, loading, unloading etc. complete in all respects to the satisfaction of Engineer-in-Charge. (Excavation will be paid separately).			
	6mm i/d ferrule on 50mm i/d pipes	Each	44.00	211.00
	6mm i/d ferrule on 80mm i/d pipes	Each	44.00	245.00
	6mm i/d ferrule on 100mm i/d pipes	Each	44.00	275.00
	10mm i/d ferrule on 80mm i/d pipes	Each	44.00	234.00
	10mm i/d ferrule on 100mm i/d pipes	Each	44.00	244.00
	10mm i/d ferrule on 150mm i/d pipes	Each	44.00	308.00
<b>HSR 28.54</b>	<b>Providing and Fixing IN BRASS/GUN METAL FERRULES BY DRILLING AND TAPPING CAST IRON/D.I./G.I PIPE LINES</b> of all diameters and marking connections including carriage, loading, unloading etc. complete in all respects to the satisfaction of Engineer-in-Charge. (Excavation will be paid separately).			
	6mm i/d ferrule	Each	44.00	165.00
	10mm i/d ferrule	Each	44.00	154.00
<b>HSR 28.55</b>	<b>Providing and packing ASBESTOS GLAND PACKING</b> of best quality in pumps and sluice valves etc. complete in all respects to the satisfaction of Engineer-in-Charge (Make : TURNER, CHARMINAR, CHAMPION)			
		per kg.	170.00	484.00
<b>HSR 28.56</b>	<b>Providing and fixing Cast Iron Detachable Joints class-15</b> marked with IS: 8794 for use with A.C/P.V C/CI pipes complete with 2 nos. rubber rings marked with IS:5382 & IS:10292 and appropriate number of nut and bolts marked with IS:1363 including carriage, loading, unloading etc. complete in all respects to the satisfaction of the Engineer-in-Charge.(Excavation will be paid separately)			
	<u>SIZE: 80MM I/D CID JOINT</u>	Each	-	177.00
	<u>SIZE: 100MM I/D CID JOINT</u>	Each	-	220.00



1	2	3	4	5
	SIZE: 150MM I/D CID JOINT	Each	-	360.00
	SIZE: 200MM I/D CID JOINT	Each	-	564.00
	SIZE: 250MM I/D CID JOINT	Each	-	731.00
	SIZE: 300MM I/D CID JOINT	Each	-	888.00
<b>HSR 28.57</b>	<b>Providing and fixing CAST IRON DETACHABLE JOINTS CLASS-25 MARKED WITH IS: 8794</b> for use with asbestos cement pressure pipes complete with 2 nos. rubber rings marked with IS:5382 & IS:10292 and appropriate number of nut and bolts marked with IS: 1363 including carriage, loading, unloading etc. complete in all respects to the satisfaction of the Engineer-in-Charge. (Excavation will be paid separately)			
	SIZE: 80MM I/D CID JOINT.	Each	-	215.00
	SIZE: 100MM I/D CID JOINT	Each	-	270.00
	SIZE: 150MM I/D CID JOINT	Each	-	440.00
	SIZE: 200MM I/D CID JOINT	Each	-	622.00
	SIZE: 250MM I/D CID JOINT	Each	-	816.00
	SIZE: 300MM I/D CID JOINT	Each	-	1014.00
<b>HSR 28.58</b>	<b>Providing and fixing fabricated PVC (UNPLASTICISED POLY VINYL CHLORIDE COUPLERS) (4kg/cm<sup>2</sup>)</b> on PVC pipes used for potable water supply IS-4985:1988 including cost of adhesive, carriage, loading, unloading etc. complete in all respects to the satisfaction of Engineer-in-Charge.(Excavation will be paid separately)			
	Size 90mm o/d	Each	3.40	25.00
	Size 110mm o/d	Each	4.45	35.00
	Size 160mm o/d	Each	6.00	75.00
	Size 200mm o/d	Each	8.50	184.00
<b>HSR 28.59</b>	<b>Providing and fixing DUCTILE IRON DOUBLE SEAL MANHOLE COVERS AND FRAMES OF 610MM X 610MM</b> with locking arrangement on clear water tanks including cost of setting in Cement concrete 1:2:4 to correct alignment and levels including carriage, loading, unloading etc. complete in all respects to the satisfaction of Engineer-in-Charge.			
		Kg	2.00	55.00

**NOTE: -**

- (i) Above rates are based on present day rates.
- (ii) No extra premium is allowed on these new items.

## NEW ITEMS INDUCTED IN HSR-1988 (2nd EDITION)

## CHAPTER-29

## SEWERAGE AND DRAINAGE

- Notes: (i) Notes and foot notes already existing in chapter No. 29 would be applicable to these items also.  
(ii) The length of sewer lines should be measured excluding length of manholes/inspection chambers.

Additional HSR Item No.	Description	Unit	Labour Rate Rs.	Through Rate Rs.
1	2	3	4	5
	(To replace existing HSR item 29.28)			
HSR 29.93	Providing, lowering, laying, cutting (cut surface to be uniformly finished), jointing with rubber rings marked with IS: 5382 and testing of <b>SPIGOT AND SOCKETTED RCC NP2 MARKED WITH IS: 458-1988</b> and specials into trenches for all depths including carriage, loading, unloading, stacking, handling, re-handling etc. complete in all respects to the satisfaction to the Engineer-in-charge.			
	200 mm i/d	per mtr.	16.00	270.00
	250 mm i/d	per mtr.	18.00	304.00
	300 mm i/d	per mtr.	23.00	414.00
	350 mm i/d	per mtr.	27.00	511.00
	400 mm i/d	per mtr.	35.00	607.00
	450 mm i/d	per mtr.	40.00	700.00
	500 mm i/d	per mtr.	43.00	797.00
	600 mm i/d	per mtr.	54.00	1061.00
	700 mm i/d	per mtr.	72.00	1458.00
	800 mm i/d	per mtr.	93.00	1700.00
	900 mm i/d	per mtr.	114.00	1946.00
	1000 mm i/d	per mtr.	141.00	2342.00
	1200 mm i/d	per mtr.	186.00	2937.00
	1400 mm i/d	per mtr.	210.00	3400.00
	1600 mm i/d	per mtr.	230.00	3900.00
HSR 29.94	Providing and fixing <b>SFRC MANHOLE COVERS AND FRAMES MARKED WITH IS: 12592</b> including setting the same to correct lines and levels in 1:2 cement sand mortar over manhole including carriage loading unloading stacking handling re-handling etc. complete in all respects to the satisfaction of Engineer-in-Charge			
	Type:- Extra Heavy Duty Set (EHD-35) -560 MM Clear Opening	Each	149.00	1200.00
	Type:- Extra Heavy Duty Set (HD-20) -560 MM Clear Opening	Each	136.00	1100.00
	Type:- Extra Heavy Duty Set (MD-10) -560 MM Clear Opening	Each	75.00	800.00

1	2	3	4	5
HSR 29.95	Providing, <b>SALT GLAZED STONE WARE PIPES GRADE 'A' IN STANDARD LENGTH OF 600 MM EACH PIPE MARKED WITH IS : 651</b> and their lowering, cutting, jointing and testing as described in HSR item No. 29.38 , 29.39 , 29.40 including the cost of jointing materials as well as carriage ,loading, unloading stacking, handling, re-handling etc. complete in all respects to the satisfaction of Engineer-in-Charge.			
	100 mm i/d	per mtr.	-	128.00
	150 mm i/d	per mtr.	-	199.00
	200 mm i/d	per mtr.	-	253.00
	250 mm i/d	per mtr.	-	386.00
	300 mm i/d	per mtr.	-	560.00
	350 mm i/d	per mtr.	-	976.00
	400 mm i/d	per mtr.	-	1428.00
	450 mm i/d	per mtr.	-	1894.00
	500 mm i/d	per mtr.	-	3028.00
	600 mm i/d	per mtr.	-	4217.00

**NOTE:-**

- (i) Above rates are based on present day rates.
- (ii) No extra premium is allowed on these new items.

**NEW ITEMS INDUCTED IN HSR- 1988 (2nd EDITION)****CHAPTER No. 30****SANITARY INSTALLATIONS**

Notes: (i) Notes and foot notes already existing in chapter No. 30 would be applicable to these items also.

- (ii) Alterations in the makes for items (Wherever provided ) will be made by the Direction Committee of Chief Engineer from time to time

Additional HSR Item No.	Description	Unit	Labour Rate Rs.	Through Rate Rs.
1	2	3	4	5
HSR 30.119	Providing and fixing <b>HDPE WATER STORAGE TANKS</b> of Sintex, Diplast, O. K. Supreme make with covers/lids marked with IS: 12701 on roof top of buildings including cost of hoisting and placing in position, making connections with inlet and outlet pipes, providing overflow & scour provisions with suitable plug on scour pipe including cost of nipples, washers, flanges for connections in tanks complete in all respects to the satisfaction of Engineer-in-Charge. (Except civil work).			
	200 ltr. capacity	Each	122.00	1134.00
	300 ltr. capacity	Each	122.00	1640.00
	500 ltr. capacity	Each	152.00	2682.00
	700 ltr. capacity	Each	174.00	3716.00
	1000 ltr. capacity	Each	203.00	5263.00

1	2	3	4	5
	1500 ltr. capacity	Each	243.00	7835.00
	2000 ltr. capacity	Each	304.00	10424.00
	3000 ltr. capacity	Each	304.00	15484.00
	5000 ltr. capacity	Each	608.00	25908.00

**NOTE: -**

- (i) Above rates are based on present day rates.  
(ii) No extra premium is allowed on these new items.

**NEW ITEMS INDUCTED IN HSR- 1988 (2nd EDITION)****CHAPTER No- 31****ELECTRICAL INSTALLATIONS**

Additional HSR Item No.	Description	Unit	Labour Rate	Through Rate
1	2	3	4	5
HSR 31.50	Supply and erection of weather proof MS box size 20cm x 30cm x 10cm of 16G and covered with MS sheet hinged cover having locking arrangement housed in 1:2:4 CC muff of size 40cm dia 55cm high including cost of PVC pipe of suitable size for incoming and outgoing cable, 4 copper bars of size 20mmx3mm, 125mm duly tinned, insulated and supported with porcelain insulator, 2 No. 16A 416V kit-kat fixed in the MS box including painting etc. complete the job in all respect up to the entire satisfaction of Engineer-in-Charge of work	Each	—	890.00
HSR 31.51	Supply and erection of MS stand made of 50mmx50mmx6mm angle iron frame and 150cm long, 30cm wide with MS sheet covering size 30cmx30cm 3.15mm thick fixed on the top of board & legs duly embedded in 1:2:4 cement concrete block 30cm below ground level including the cost of cement sand, welding, painting & fabrication charges etc. up to the entire satisfaction of Engineer - in - charge of the work.	Each	—	995.00
HSR 31.52	Supply and erection 3 stepped steel tubular pole (swaged type) 7 meters long single bracket pole duly embedded 1.25 m below ground level conforming to 410-SP-3 of IS: 2713 (part II) 1980, welded with mild steel base plate of size 30cm x 30cm x 6mm thick including erection of pole in ground surrounded with 30 cm dia of 1:3:6 cement concrete and a platform 10 cm thick to the size of base plate at the bottom, and 1 mtr. long 40mm dia GI bracket, 300mm MS sleeve & MS bracing nut and bolt etc., bracket fitted with suitable size of mild steel nipple (minimum 10cm in the bracket) to hold the fitting including painting etc. complete the job in all respect up to the entire satisfaction of Engineer-in-Charge of work.	Each	—	6000.00
HSR 31.53	Supply and erection of 50mm diameter 1.5mtr. Long GI bracket (B-Class) making an angle 10 to 15 degree with horizontal plane for mounting street light fitting on GI bracket on wall with 2 Nos. 50mm x 3mm thick MS flat including cost of cutting welding of GI pipe complete with cement sand mixture bolts and nuts etc. including making necessary connection with all labour and material required to complete the job in all respect up to the entire satisfaction of Engineer-in-charge of the work.	Each	—	600.00

1	2	3	4	5
HSR 31.54	Supply and erection of street light luminaire 2 x 28 watts energy saving fitting suitable for two Nos. 28 watts T-5 tube light including the cost of standard accessories as supplied by the manufacturer with the fitting and cost of two nos 28 watts tube rod including the erection of fitting and making necessary connection with required material to complete the job in all respect.	Each	—	1740.00
HSR 31.55	Supply & erection of Socket size rotary step type Electronic regulator for A.C. ceiling fan Anchor make Deluxe model No. 50440 ISI / SSK make PC 561 operated on 120/280 V A.C. Supply complete including cutting of existing Bakelite sheet and making necessary connection etc. up to the entire satisfaction of the Engineer-in-Charge of the Work.	Each	—	195.00
HSR 31.56	Providing and fixing modular type accessories of approved make in existing box including fixing and making necessary connection, complete in all respect.		—	
	10 amp. 1 way switch	Each		87.00
	10 amp. 2 way switch	Each		100.00
	20 amp switch	Each		116.00
	10 amp Socket	Each		106.00
	16 amp. Socket	Each		165.00
	Bell Push	Each		102.00
	Fan Regulator	Each		397.00
	Call bell Ding- Dong (Monitca)	Each		99.00
	Blinking plate	Each		25.00
HSR 31.57	Providing and fixing GI concealed sheet metal boxes with inner and outer faceplate including concealing the box in wall and fixing in position with inner plate and face plate with all labour and material required for the job complete in all respect.		—	
	1 & 2 Modules	Each		101.00
	3 Modules	Each		128.00
	4 Modules	Each		148.00
	6 Modules	Each		214.00
	8 Modules	Each		269.00
	12 Modules	Each		336.00
HSR 31.58	Supply and erection of PVC pipe ISI marked (Medium) recessed in wall / ceiling etc. including the cost of PVC bends, inspection boxes, iron hooks and cement concrete etc. complete in all respect up to the entire satisfaction of Engineer-in-charge of work.		—	
	PVC pipe of 32 mm dia	Mtr.		45.00
	PVC pipe of 40 mm dia	Mtr.		56.00
HSR 31.59	Supplying & jointing three core flat cables of Firelex, Polycab, Ecao & Bunton with bare bunched copper conductor insulated and sheathed with PVC for submersible pump motors with voltage grade 1100 volts marked with IS: 694 : 1990 including cost of jointing materials as well as carriage, loading, unloading etc. complete in all respects to the satisfaction of Engineer-in- Charge.		—	

1	2	3	4	5
	CAPACITY OF MOTOR: 7.50KW TO 11.00KW Size of Cable: 2.5 Sq. mm (Copper)	Mtr.	2.00	70.00
	CAPACITY OF MOTOR: 11.00 KW TO 13.00KW Size of Cable: 4.00 Sq.mm (Copper)	Mtr.	2.00	100.00
	CAPACITY OF MOTOR: 13.00 KW TO 22.00KW Size of Cable: 6.00 Sq.mm (Copper)	Mtr.	2.00	150.00
	CAPACITY OF MOTOR: 22.00 KW TO 36.00KW Size of Cable: 10.00 Sq.mm (Copper)	Mtr.	2.00	240.00
	CAPACITY OF MOTOR: 50.00 KW and 60.00KW Size of Cable: 25.00 Sq.mm (Copper)	Mtr.	3.00	1000.00

**NOTE: -**

- (i) Above rates are based on present day rates.  
(ii) No extra premium is allowed on these new items.

**NEW ITEMS INDUCED IN HSR- 1988 (2<sup>nd</sup> EDITION)****(I) Civil Works****CHAPTER No- 34****BEARING FOR BRIDGES**

Additional HSR Item No.	Description	Unit	Labour Rate	Through Rate
1	2	3	4	5
HSR 34.12	Supplying, fitting and fixing in position true to line and level POT-PIPE bearing consisting of a metal piston supported by a disc or unreinforced elastomer confined within a metal cylinder, sealing rings, dust seals, PTFE surface sliding against stainless steel mating surface, complete assembly to be of cast steel/ fabricated structural steel, metal and elastomer elements to be as per IRC 83 Part-I & II respectively and other parts conforming to BS-5400, Section 9.1 & 9.2 and clause 2006 of MORTH Specification complete as per drawing and approved Technical Specifications.	MT (Load)	—	125.00
HSR 34.13	Providing & laying single strip seal expansion joint catering to maximum horizontal movement upto 70mm, complete as per MORT & H specification no. 2607 to be installed by the manufacture/ supplier or their authorized representative ensuring compliance to the manufacture's instructions for installation.	Mtr.	—	8000.00

**NOTE: -**

- (i) Above rates are based on present day rates.  
(ii) No extra premium is allowed on these new items.

ASHOK KUMAR GARG,  
Convener, Central Zonal Committee,  
Haryana PWD Schedule of Rates and  
Superintending Engineer,  
Ambala Circle, Haryana PWD (B&R).

A & C Slip No.: - CZC- 3  
Dated 3 July 2009

## THE FOLLOWING AMENDMENTS ARE MADE IN THE ANALYSIS OF RATE OF HARYANA PWD SCHEDULE OF RATES 1988 (2nd EDITION)

Sr. No.	Page No.	HSR Item No.	Existing A&C Slip No.CZC-1 dated 5-11-2007				Amended as Under			
			Description	Unit	Labour rate	Though rate	Description	Unit	Labour rate	Though rate
1	2	3	4				5			
CHAPTER NO. 10										
1.	46	10.67	Design mix cement concrete of grade M-30 with minimum cement contents 420 Kg/ cum in foundation and plinth.	Cum.	83.00	759.20	Design mix Cement Concrete of grade M-30 with minimum Cement contents 420 Kg/ cum in foundation and plinth	Cum	83.00	790.00
2.	46	10.68	Design mix cement concrete of grade M-35 with minimum cement contents 420 Kg/ cum in foundation and plinth.	Cum.	85.00	784.70	Design mix Cement Concrete of grade M-35 with minimum Cement contents 430 Kg/ cum in foundation and plinth	Cum	85.00	810.00
3.	46	10.69	Design mix cement concrete of grade M-40 with minimum cement contents 420 Kg/ cum in foundation and plinth	Cum	87.00	806.70	Design mix Cement Concrete of grade M-40 with minimum Cement contents 440 Kg/ cum in foundation and plinth	Cum	87.00	830.00
4.	47	10.74	Design mix cement concrete of grade M-30 with minimum cement contents 420 Kg/ cum in first storey upto 4 metres above plinth level.	Cum.	89.25	765.50	Design mix Cement Concrete of grade M-30 with minimum Cement contents 420 Kg/ cum in first storey upto 4 Meters above plinth level	Cum	89.25	796.25
5.	47	10.75	Design mix cement concrete of grade M-35 with minimum cement contents 420 Kg/ cum in first storey upto 4 metres above plinth.	Cum	91.25	791.00	Design mix Cement Concrete of grade M-35 with minimum Cement contents 430 Kg/ cum in first storey upto 4 Meters above plinth level	Cum	91.25	816.25
6.	47	10.76	Design mix cement concrete of grade M-40 with minimum cement contents 420 Kg/ cum in first storey upto 4 metres above plinth.	Cum.	93.25	812.90	Design mix Cement Concrete of grade M-40 with minimum Cement contents 440 Kg/ cum in first storey upto 4 Meters above plinth level	Cum	93.25	836.25

Note: -

- i) Existing ceiling premium will be applicable on HSR Item No. 10.66 to 10.69 and 10.73 to 10.76.
- ii) No extra payment should be made to the agency for use of Batch mixer, Transit Mixer, Belt conveyer and overhead crane.

A & C Slip No.: - CZC- 4  
Dated 3 July, 2009

# ADDENDA CORRIGENDA TO THE ANALYSIS OF RATES OF HARYANA PWD SCHEDULE OF RATES 1988 (SECOND EDITION)

The following amendments be made in analysis of rate of Haryana PWD Schedule of rates 1988.

Sr. No.	Page No.	Item No.	Already existing in HSR-1988 (2 <sup>nd</sup> Edition)				Amended as under			
			Description	Unit	Labour rate	Though rate	Description	Unit	Labour rate	Though rate
1	2	3	4				5			
CHAPTER NO. 10										
1.	46	10.66	Design mix cement concrete of grade M-25 with minimum cement contents 405 Kg/ cum in foundation and plinth.	Cum	82.00	772.75	Design mix Cement Concrete of grade M-25 with minimum Cement contents 410 Kg/ cum in foundation and plinth	Cum	82.00	780.00
2.	46	10.73	Design mix cement concrete of grade M-25 with minimum cement contents 405 Kg/ cum in first storey upto 4 meters above plinth level	Cum	88.25	779.00	Design mix Cement Concrete of grade M-25 with minimum Cement contents 410 Kg/ cum in first storey upto 4 Meters above plinth level	Cum	88.25	786.25

Note: -

- i) Existing ceiling premium will be applicable on HSR Item No. 10.66 to 10.69 and 10.73 to 10.76.
- ii) No extra payment should be made to the agency for use of Batch mixer, Transit Mixer, Belt conveyer and overhead crane.



A & C Slip No.: - CZC- 5  
Dated 3 July, 2009

# ADDENDA CORRIGENDA TO THE ANALYSIS OF RATES OF HARYANA PWD SCHEDULE OF RATES 1988 (SECOND EDITION)

The following amendments be made in analysis of rate of Haryana PWD Schedule of rates 1988.

Sr. No.	Page No.	Item No.	Already existing in HSR-1988 (2 <sup>nd</sup> Edition)				Amended as under			
			Description	Unit	Labour rate	Though rate	Description	Unit	Labour rate	Though rate
1	2	3	4				5			
CHAPTER NO. 18										
3.	125	18.22	Cold twisted deformed (ribbed/tor steel) bars for RCC, works, where not included in the complete rate of RCC including bending, binding and placing in position complete.	Qtl.	49.55	917.05	Fe-500 EQR TMT steel bars for RCC, works, where not included in the complete rate of RCC including bending, binding and placing in position complete.	Qtl.	49.55	917.05

A & C Slip No.: - CZC- 6  
Dated 3 July, 2009

**ADDENDA CORRIGENDA TO THE ANALYSIS OF RATES OF HARYANA PWD SCHEDULE OF RATES 1988 (SECOND EDITION)**

The following amendments be made in analysis of rate of Haryana PWD Schedule of rates 1988.

Sr. No.	Page No.	Item No.	Already existing in HSR-1988 (2 <sup>nd</sup> Edition)			Replaced/ Amended as under			
			Description	Unit	Rate	Description	Unit	Labour rate	Through rate
1	174	28.8	Jointing A.C. /P.V.C Pipes and specials with cast iron/ PVC Detachable joints fitted with bolts and nuts excluding cost of detachable joints, rubber rings, bolts and nuts but including cost of labour and tools ETC. and tested complete.			JOINTING A.C. /P.V.C PIPES AND SPECIALS WITH CAST IRON DETACHABLE JOINTS/SPLIT COUPLER P.V.C. JOINT FITTED WITH BOLTS AND NUTS EXCLUDING COST OF DETACHABLE JOINTS/SPLIT COUPLER P.V.C JOINTS RUBBER RINGS BOLTS AND NUTS BUT INCLUDING COST OF LABOUR AND TOOLS ETC. AND TESTED COMPLETE.			
			a) 50mm	Each	2.85	i) 50mm	Each	2.85	-
			b) 80mm	Each	3.60	j) 80mm	Each	3.60	-
			c) 100mm	Each	4.45	k) 100mm	Each	4.45	-
			d) 125mm	Each	6.00	l) 125mm	Each	6.00	-
			e) 150mm	Each	7.35	m) 150mm	Each	7.35	-
			f) 200mm	Each	9.15	n) 200mm	Each	9.15	-
			g) 250mm	Each	11.00	o) 250mm	Each	11.00	-
			h) 300mm	Each	12.95	p) 300mm	Each	12.95	-
		<b>HSR 28.10</b>	EXTRA FOR FLXING SLUICE VALVES/ FLAP VALVES SOCKETTED FOR FLANGED, INCLUDING CARTAGE FROM STORES OR NEAREST RAILWAY STATION TO SITE OF WORK			Providing and fixing CAST IRON DOUBLE FLANGED SLUICE VALVES PN - 1.6 MARKED WITH IS: 14846 including nuts & bolts marked with IS: 1363, Rubber sheet marked with IS:638 etc. carriage loading unloading , stacking handling, Re-handling etc. Complete in all respect to the satisfaction of Engineer -in-Charge (Makes AARKO, VENUS, LEADER, SI, PANJA, UPADHAY.			

		a)	80mm i/d	Each	10.20	a)	80mm i/d	Each	60.00	2573.00
		b)	100mm i/d	Each	11.85	b)	100mm i/d	Each	68.00	3698.00
		c)	150mm i/d	Each	16.60	c)	150mm i/d	Each	94.00	5709.00
		d)	200mm i/d	Each	19.25	d)	200mm i/d	Each	100.00	9945.00
		e)	250mm i/d	Each	26.10	e)	250mm i/d	Each	134.00	15589.00
		f)	300mm i/d	Each	28.40	f)	300mm i/d	Each	134.00	18944.00
		g)	350mm i/d	Each	31.30	g)	350mm i/d	Each	134.00	30395.00
		h)	400mm i/d	Each	34.30	h)	400mm i/d	Each	134.00	41120.00
		i)	450mm i/d	Each	39.85	i)	450mm i/d	Each	141.00	48981.00
		j)	500mm i/d	Each	45.55	j)	500mm i/d	Each	141.00	66911.00
		k)	600mm i/d	Each	56.00	k)	600mm i/d	Each	141.00	95126.00
		<b>HSR 28.10 (A)</b>	<b>NOT EXISTING</b>				Providing & fixing CAST IRON DOUBLE FLANGED SWING CHECK TYPE REFLUX (NON RETURN) VALUES PN- 1.6 MARKED WITH IS: 5312 including nuts & bolts marked with IS: 1363, Rubber sheet marked with IS:638 etc. carriage loading unloading , stacking handling , Re-handling etc. Complete in all respect to the satisfaction of Engineer-in-Charge (Makes AARKO, VENUS, LEADER, BIR, PANJA, UPADHAY).			
							80mm i/d	Each	60.00	2485.00
							100mm i/d	Each	68.00	3362.00
							150mm i/d	Each	94.00	5638.00
							200mm i/d	Each	100.00	9142.00
							250mm i/d	Each	134.00	14032.00
							300mm i/d	Each	134.00	17008.00
							350mm i/d	Each	134.00	34630.00
							400mm i/d	Each	134.00	40933.00
							450mm i/d	Each	141.00	49547.00
							500mm i/d	Each	141.00	78296.00
							600mm i/d	Each	141.00	102991.00

Note: - Existing Ceiling premium will be applicable on HSR item No.28.8.

2	175	HSR 28.12	EXTRA FOR FIXING SINGLE AIR VALVES ALL SIZES INCLUDING CARTAGE FROM divisional stores or nearest railway station to Site Of Work drilling, tapping and screwing in valves connection.	Each	43.00		Providing and fixing <b>CAST IRON SINGLE AIR VALVES</b> marked with IS: 14845 including carriage, loading, unloading stacking, handling, re-handling etc. drilling, tapping, screwing etc. in valves connections complete in all respects to the satisfaction of Engineer-in- Charge.			
							40mm i/d	Each	157.00	1619.00
							50mm i/d	Each	157.00	1771.00
3	175	HSR 28.13	EXTRA FOR FIXING DOUBLE AIR VALVES ALL SIZES INCLUDING CARTAGE FROM divisional stores or nearest railway station to Site of Work.	Each	10.00		Providing and fixing <b>CAST IRON DOUBLE AIR VALVES</b> of sizes given below marked with IS: 14845 including carriage, loading, unloading stacking, handling, re-handling etc., drilling, tapping, screwing in valves connections complete in all respects to the satisfaction of Engineer-in-Charge.			
							65mm i/d	Each	157.00	1883.00
							80mm i/d	Each	157.00	2103.00
							100mm i/d	Each	157.00	2491.00
4		HSR 28.13 (A)	NOT EXISTING				HSR 28.13 (A) Providing and fixing <b>CAST IRON KINETIC AIR VALVES OF SIZE GIVEN BELOW MARKED WITH IS: 14845</b> including carriage, loading, unloading stacking, handling, re-handling etc., drilling, tapping, screwing in valves connections complete in all respects to the satisfaction of Engineer-in- Charge.			
							80mm i/d	Each	157.00	2824.00
							100mm i/d	Each	157.00	3098.00
							150mm i/d	Each	174.00	7514.00
							200mm i/d	Each	174.00	13267.00

	187	HSR 29.28	FIXING C.I. OR MALLEABLE IRON STEP INCLUDING CARRIAGE from stores of the Engineer-in-Charge to the site of works AND SETTING the same to correct lines and levels in the work embedded in 1:2 CEMENT AND LAND MORTAR.	Each	1.05	Providing and fixing <b>STEEL BAR EMBEDDED PLASTIC STEPS OF SIZE 263 MM X 165 MM</b> of orange colour, conforming to specifications, in pump chambers, manholes etc., having minimum 3mm thick Polypropylene polymer confirming to IS : 10910 encapsulated on 12mm dia ribbed steel bars per IS: 1786  The rate include cost of setting the same to correct lines and levels duly embedded in 1:2:4 cement concrete including carriage, loading, unloading, stacking, handling, re-handling etc. complete in all respects to the satisfaction of Engineer-in- Charge.	Each	8.50	90.00
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